



**United States Environmental Protection Agency
Region 9 Laboratory**

**1337 S. 46th Street Building 201
Richmond, CA 94804**

Date: 2/7/2012

Subject: Analytical Testing Results - Project R33911
SDG: 12032A

From: Brenda Bettencourt, Director
EPA Region 9 Laboratory
MTS-2

To: Richard Fetzer
US EPA Region 3, Eastern Response Branch
3HS31

Attached are the results from the analysis of samples from the **Dimock Residential Groundwater** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

Analyses included in this report:

Purgeable Petroleum Hydrocarbons by GC/FID



United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804

Phone:(510) 412-2300

Fax:(510) 412-2302

Project Manager: Richard Fetzer

Project Number: R33911

Project: Dimock Residential Groundwater

US EPA Region 3, Eastern Response Branch

100 Gypsum Road

Stroudsburg PA, 18360

SDG: 12032A

Reported: 02/07/12 07:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
HW13	1202001-04	Water	01/30/12 11:23	02/01/12 08:00
HW18-P	1202001-05	Water	01/30/12 11:52	02/01/12 08:00
HW20	1202001-06	Water	01/30/12 16:12	02/01/12 08:00
HW20-P	1202001-07	Water	01/30/12 16:29	02/01/12 08:00
HW25-P	1202001-08	Water	01/30/12 15:32	02/01/12 08:00
EB01	1202001-09	Water	01/28/12 11:26	02/01/12 08:00
FB06	1202001-10	Water	01/30/12 09:30	02/01/12 08:00
HW18	1202001-11	Water	01/30/12 11:27	02/01/12 08:00

SDG ID 12032A

Purgeable Petroleum Hydrocarbons:

Insufficient sample volume was provided to perform a matrix spike / matrix spike duplicate set on any samples in this SDG.

Work Order(s)

1202001



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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1202001-04						Water - Sampled: 01/30/12 11:23			
Sample ID: HW13						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		34	C1, F12, J	50	ug/L	B2B0002	02/01/12	02/01/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>		105 %		76-121%		"	"	"	
Lab ID: 1202001-05						Water - Sampled: 01/30/12 11:52			
Sample ID: HW18-P						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2B0002	02/01/12	02/01/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98 %		76-121%		"	"	"	
Lab ID: 1202001-06						Water - Sampled: 01/30/12 16:12			
Sample ID: HW20						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2B0002	02/01/12	02/01/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>		102 %		76-121%		"	"	"	
Lab ID: 1202001-07						Water - Sampled: 01/30/12 16:29			
Sample ID: HW20-P						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2B0002	02/01/12	02/01/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>		105 %		76-121%		"	"	"	
Lab ID: 1202001-08						Water - Sampled: 01/30/12 15:32			
Sample ID: HW25-P						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2B0002	02/01/12	02/01/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>		106 %		76-121%		"	"	"	
Lab ID: 1202001-09						Water - Sampled: 01/28/12 11:26			
Sample ID: EB01						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2B0002	02/01/12	02/01/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>		99 %		76-121%		"	"	"	
Lab ID: 1202001-10						Water - Sampled: 01/30/12 09:30			
Sample ID: FB06						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2B0002	02/01/12	02/01/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>		104 %		76-121%		"	"	"	
Lab ID: 1202001-11						Water - Sampled: 01/30/12 11:27			
Sample ID: HW18						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2B0002	02/01/12	02/01/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>		104 %		76-121%		"	"	"	



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Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2B0002 - 5030 P&T TPH-G - TPH - Purgeable								Prepared & Analyzed: 02/01/12		
Purgeable Petroleum Hydrocarbons by EPA Method 8015C - Quality Control										
Blank (B2B0002-BLK1)										
TPH as Gasoline	ND	U		50 ug/L						
Surrogate: a,a,a-Trifluorotoluene										
		129		"	125		103	76-121		
LCS (B2B0002-BS1)										
TPH as Gasoline	447			50 ug/L	500		89	75-114		200
Surrogate: a,a,a-Trifluorotoluene										
		130		"	125		104	76-121		



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Qualifiers and Comments

J The reported result for this analyte should be considered an estimated value.

F12 Single component, unidentified

C1 The reported concentration for this analyte is below the quantitation limit.

U Not Detected

NR Not Reported

RE1, RE2, etc: Result is from a sample re-analysis.